

What Is Claimed Is:

1. A sealing device, especially for a gas turbine such as an aircraft engine, for sealing a gap between a rotor and a stator, especially for sealing a gap between radially inside ends of fixed vanes and a rotor and/or a gap between radially outer ends of rotating rotor blades and a fixed housing, a honeycomb seal (15) including a plurality of honeycomb seal cells (16) being assigned to the stator, and the honeycomb seal cells (16) being separated from one another by walls (18, 19), wherein,
at least the walls (18) of the honeycomb seal cells (16) that run transversely to the direction of rotation (17) of the rotor are placed radially at a slant in the direction of rotation (17) of the rotor.
2. The sealing device as recited in Claim 1, wherein,
the walls (18) of the honeycomb seal cells (16) that run transversely to the direction of rotation (17) of the rotor are placed radially at a slant in the direction of rotation (17) of the rotor in such a way that the edges (21) of these walls (18) that face the rotor are offset with respect to the edges (21) of these walls (18) in the direction of rotation (17) of the rotor.
3. The sealing device as recited in Claim 2, wherein,
the edges (20) of these walls (18) facing the rotor and the edges (21) of these walls (18) facing away from the rotor run in straight lines.

4. The sealing device as recited in Claim 2,
wherein,
the edges (20) of these walls (18) facing the rotor
and/or the edges (21) of these walls (18) facing away
from the rotor are curved or arched.
5. The sealing device as recited in Claim 4,
wherein,
the arching of these walls (18) is in the direction of
rotation (17) of the rotor.
6. The sealing device as recited in one or more of Claims 1
through 5,
wherein,
in addition to the walls (18) of the honeycomb seal cells
(16) that run transversely to the direction of rotation
(17) of the rotor, the walls (19) of the honeycomb seal
cells (16) that run in the direction of rotation (17) of
the rotor are also placed at a slant.
7. The sealing device as recited in Claim 6,
wherein,
the edges (23) of these walls (19) facing the rotor are
offset with respect to the edges (24) of these walls (19)
facing away from the rotor.
8. The sealing device as recited in Claim 7,
wherein,
the edges (23) of these walls (19) facing the rotor and
the edges (24) of these walls (24) facing away from the
rotor run in straight lines.
9. The sealing device as recited in Claim 7,
wherein,
the edges (23) of these walls (19) facing the rotor

and/or the edges (24) of these walls (19) facing away from the rotor are curved or arched.